

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	104	okamoto-yutaka\$.in.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:13
L2	24	1 and (viterbi or (soft decision))	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:26
L3	12	akamatsu-manabu\$.in.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:26
L4	11	3 not 2	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:13
L5	878	sakai-y\$.in.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:26
L6	54	sakai-yuji\$.in.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 09:26
L7	8	6 and (viterbi or (soft decision))	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:11
L8	11	((("5341249") or ("6108388") or ("6249398") or ("4922437") or ("5243471") or ("6014411") or ("6023386") or ("6023783") or ("6304985") or ("6334197") or ("5768320")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/09 09:52
L9	3	((("20030161062") or ("20030174426") or ("20040061964")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/09 10:01
L10	2605	(375/262 or 375/340 or 375/341).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 10:02
L11	2637	(375/262 or 375/263 or 375/340 or 375/341).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:10
L12	431	11 and viterbi and (soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 10:02
L13	239	12 and (reliable or reliabilit\$4)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:20
L14	3447	(cascade or bank) near5 (viterbi or decoder)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:58
L15	53	(375/263).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 10:57
L16	1396	(375/344 or 375/345).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:41
L17	149	16 and (viterbi or (soft decision))	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:41
L18	17	17 and (partial response)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:14

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L19	132	17 not 18	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:14
L20	1097	(360/65 or 360/67).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:56
L21	199	20 and (viterbi or (soft decision))	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:57
L22	942	(714/794 or 714/795).ccls. and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:56
L23	304	22 and (soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:57
L24	30	23 and (partial response)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:59
L25	274	23 not 24	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:59
L26	134	25 and (reliable or reliabilit\$4)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 11:59
L27	40	14 and (partial response)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:22
L28	15	27 and (reliable or reliabilit\$4)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:29
L29	1982	viterbi and (partial response)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:33
L30	147	soft decision and (reliable or reliabilit\$4) and 29	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:31
L31	121	30 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:29
L32	25	27 not 28	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:27
L33	828	14 and (reliable or reliabilit\$4)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:29
L34	52	33 and (soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:29
L35	31	34 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:32
L36	901	(reliable or reliabilit\$4) and 29	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:02
L37	864	36 and error	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:32
L38	721	37 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:32
L39	709	38 not (26 or 27 or 35)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:59
L40	1596	viterbi.ti,ab. or (partial response). ti,ab.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:33

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L41	237	39 and 40	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:34
L42	198	41 not 31	US-PGPUB; USPAT	ADJ	ON	2006/12/09 12:45
L43	275	viterbi and (partial response)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:45
L44	16	43 and (reliable or reliabil\$5)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:45
L45	422	(cascade or bank) near5 (viterbi or decoder)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:48
L46	0	45 and (partial response)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:50
L47	0	46 and PRML	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:48
L48	0	45 and PRML	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:48
L49	12	45 and (reliable or reliabil\$5)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:49
L50	2	(soft decision) and (partial response)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 12:50
L51	424	(cascade\$1) near5 (viterbi or decoder)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:00
L52	17	51 and Viterbi and (partial response or PRML)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:00
L53	5	52 not (26 or 27 or 31 or 35)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:03
L54	76	(cascade\$1) near5 (viterbi or decoder)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:00
L55	0	54 and Viterbi and (partial response or PRML)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:00
L56	1	(iterative with Viterbi) and (partial response or PRML)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:01
L57	5	(iterative\$3 with (Viterbi or decod\$4)) and (partial response or PRML)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:02

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L58	218	(iterative\$3 with (Viterbi or decod\$4)) and (partial response or PRML)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:02
L59	160	(reliable or reliabilit\$5) and 58	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:18
L60	83	59 not (26 or 27 or 31 or 35)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:19
L61	1	"5825832".pn.	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:06
L62	8	("5825832").URPN.	USPAT	ADJ	ON	2006/12/09 13:09
L63	30	(partial adj response adj (waveform or (wave form))) near5 (generat\$5 or expect\$6)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:16
L64	27	63 and viterbi	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:10
L65	22	(reliable or reliabilit\$5) and 64	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:11
L66	18	65 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:19
L67	1	((partial adj response adj (waveform or (wave form))) near3 generat\$5) with expect\$6	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:20
L68	1	((partial adj response adj (waveform or (wave form))) near3 generat\$5) same expect\$6	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:13
L69	2	((partial adj response adj (waveform or (wave form))) near3 generat\$5) same (viterbi or (maximum likelihood))	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:14
L70	1	69 not 68	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:14
L71	2	(partial adj response adj (waveform or (wave form))) near5 (target\$4)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:15
L72	2	71 same (viterbi or soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:18
L73	1	72 not 69	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:15
L74	4	(partial adj response adj (waveform or (wave form))) near5 (generat\$5 or expect\$6 or target\$3)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:17
L75	2	74 and (viterbi or soft decision)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/12/09 13:21

## EAST Search History

L76	1097	(viterbi with soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:18
L77	125	76 and ((partial response) or PRML)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:18
L78	74	(reliable or reliabilit\$5) and 77	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:25
L79	7	78 not (26 or 27 or 31 or 35 or 60)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:23
L80	0	79 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:23
L81	29	(partial adj response adj (waveform or (wave form))) with error	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:21
L83	35	(partial adj response adj signal) with error	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:21
L84	669	(partial adj response) with error	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:21
L86	22	81 and (viterbi or soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L87	21	86 not (26 or 27 or 31 or 35 or 60)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L88	16	87 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L89	452	84 and (viterbi or soft decision)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L90	396	89 not (26 or 27 or 31 or 35 or 60 or 88)	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L91	326	90 and @ad<"20031006"	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:24
L92	142	(reliable or reliabilit\$5) and 91	US-PGPUB; USPAT	ADJ	ON	2006/12/09 13:25